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NEWS 3 JUL 02 SCISEARCH enhanced with complete author names
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NEWS 5 JUL 02 CA/CAPplus enhanced with utility model patents from China
NEWS 6 JUL 16 CAPplus enhanced with French and German abstracts
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NEWS 19 SEP 13 FORIS renamed to SOFIS
NEWS 20 SEP 13 INPADOCDB enhanced with monthly SDI frequency
NEWS 21 SEP 17 CA/CAPplus enhanced with printed CA page images from 1967-1998
NEWS 22 SEP 17 CAPplus coverage extended to include traditional medicine patents
NEWS 23 SEP 24 EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 24 OCT 02 CA/CAPplus enhanced with pre-1907 records from Chemisches Zentralblatt

NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

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PROJECTED ITERATIONS: 1539903 TO 1573097
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 14:48:54 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1547163 TO ITERATE

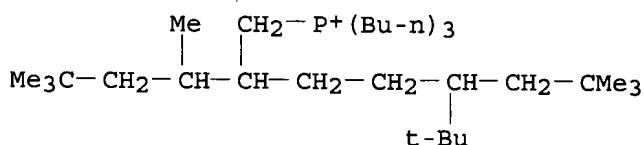
64.6% PROCESSED 1000000 ITERATIONS (1 INCOMPLETE) 8 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.13

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: 1547163 TO 1547163
PROJECTED ANSWERS: 8 TO 22

L3 8 SEA SSS FUL L1

=> d l3 scan

L3 8 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Phosphonium, tributyl[5-(1,1-dimethylethyl)-7,7-dimethyl-2-(1,3,3-trimethylbutyl)octyl]-
MF C33 H70 P
CI COM



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	172.10	172.31

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FILE LAST UPDATED: 3 Oct 2007 (20071003/ED)

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=> s 13

L4 4 L3

=> d 14 ibib abs hitstr 1-

YOU HAVE REQUESTED DATA FROM 4 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:322689 CAPLUS

DOCUMENT NUMBER: 142:375970

TITLE: Organic-modified layered silicate salt and its composition

INVENTOR(S): Nishimi, Hironari

PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 16 pp.

CODEN: JKXXAF

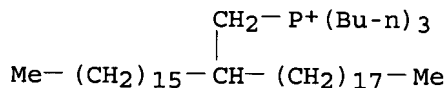
DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

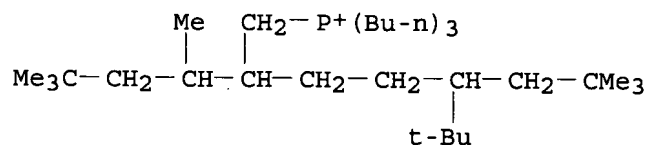
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
JP 2005097028	A	20050414	JP 2003-331192	20030924
PRIORITY APPLN. INFO.:			JP 2003-331192	20030924
AB	The silicate salt includes tetraalkyl phosphonium compound in the interlayers, and is combined with a surface modifier. The silicate salt is mixed with thermoplastic resin. The products have excellent thermal stability and dispersion property.			
IT	776323-82-1 849697-18-3 RL: CPS (Chemical process); PEP (Physical, engineering or chemical process); RCT (Reactant); PROC (Process); RACT (Reactant or reagent) (organic-modified layered silicate salt and its composition)			
RN	776323-82-1 CAPLUS			
CN	Phosphonium, tributyl(2-hexadecyleicosyl)-, bromide (9CI) (CA INDEX NAME)			



● Br⁻

RN 849697-18-3 CAPLUS

CN Phosphonium, tributyl[5-(1,1-dimethylethyl)-7,7-dimethyl-2-(1,3,3-trimethylbutyl)octyl]-, bromide (9CI) (CA INDEX NAME)



● Br⁻

L4 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2004:871157 CAPLUS
 DOCUMENT NUMBER: 141:350273
 TITLE: Preparation of tetraalkylphosphonium salts as
 modifiers for layered silicates for organic solvent or
 thermoplastic compositions
 INVENTOR(S): Nishimi, Hironari; Nakamura, Koki
 PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 14 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004292412	A	20041021	JP 2003-90670	20030328
US 2004220309	A1	20041104	US 2004-807163	20040324
PRIORITY APPLN. INFO.:			JP 2003-90670	A 20030328

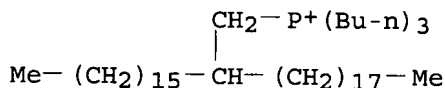
AB Phosphonium salts having ≥1 C9-100 branched alkyl chains were prepared Thus, NJCOL C 32-36 (branched alc.) was brominated with CBr₄ and PPh₃, and treated with Bu₃P giving 34% Me(CH₂)₁₅CH[(CH₂)₁₇Me]CH₂P+Bu₃Br⁻, which was treated with ME 100 (swellable synthetic mica) giving an intercalation complex showing decomposition at starting temperature 270°, and good dispersibility in CHCl₃ or cyclohexane.

IT 776323-84-3DP, intercalation complexes with mica or montmorillonite 776323-85-4DP, intercalation complexes with mica or montmorillonite

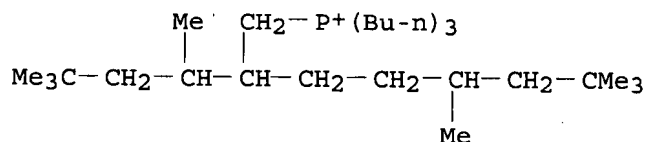
RL: MOA (Modifier or additive use); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)
 (preparation of branched tetraalkylphosphonium salts as modifiers for layered silicates for organic solvent or thermoplastic compns.)

RN 776323-84-3 CAPLUS

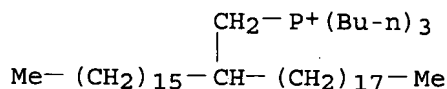
CN Phosphonium, tributyl(2-hexadecyleicosyl)- (CA INDEX NAME)



RN 776323-85-4 CAPLUS
 CN Phosphonium, tributyl[5,7,7-trimethyl-2-(1,3,3-trimethylbutyl)octyl]- (CA INDEX NAME)

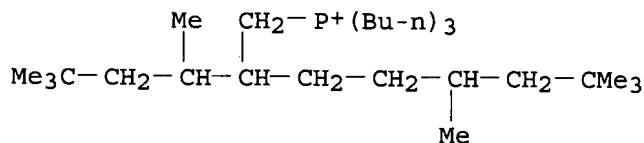


IT 776323-82-1P 776323-83-2P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation of branched tetraalkylphosphonium salts as modifiers for
 layered silicates for organic solvent or thermoplastic compns.)
 RN 776323-82-1 CAPLUS
 CN Phosphonium, tributyl(2-hexadecyleicosyl)-, bromide (9CI) (CA INDEX NAME)



● Br⁻

RN 776323-83-2 CAPLUS
 CN Phosphonium, tributyl[5,7,7-trimethyl-2-(1,3,3-trimethylbutyl)octyl]-,
 bromide (9CI) (CA INDEX NAME)



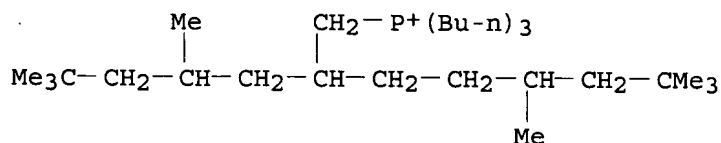
● Br⁻

L4 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2004:433050 CAPLUS
 DOCUMENT NUMBER: 140:431531
 TITLE: Polyether sulfone compositions, their (gas-barrier)
 films with good heat resistance, and substrates and
 optical imaging devices using them
 INVENTOR(S): Naruse, Hideaki
 PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 26 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004149584	A	20040527	JP 2002-313648	20021029
PRIORITY APPLN. INFO.:			JP 2002-313648	20021029
AB The compns. contain polyether sulfones having structural repeating units				

Ar1SO2Ar2O and Ar3SO2Ar4OAr5O (Ar1-Ar5 = C6-12 aromatic hydrocarbyl), and layered silicates having quaternary tetraalkylphosphonium and/or N-containing heterocyclic salts. The gas-barrier films have organic-inorg. hybrid layers manufactured by sol-gel process on films comprising the compns. The optical imaging devices, e.g., organic electroluminescent devices, produce defect-free images and show good durability.

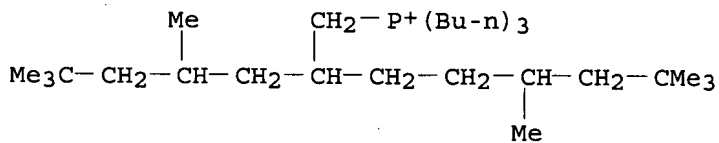
IT 676614-01-0D, intercalation complex with synthetic mica
 RL: DEV (Device component use); MOA (Modifier or additive use); USES (Uses)
 (polyether sulfone compns. containing organic-intercalated silicates for gas-barrier films for optical imaging devices)
 RN 676614-01-0 CAPLUS
 CN Phosphonium, tributyl[5,7,7-trimethyl-2-(2,4,4-trimethylpentyl)octyl]- (CA INDEX NAME)

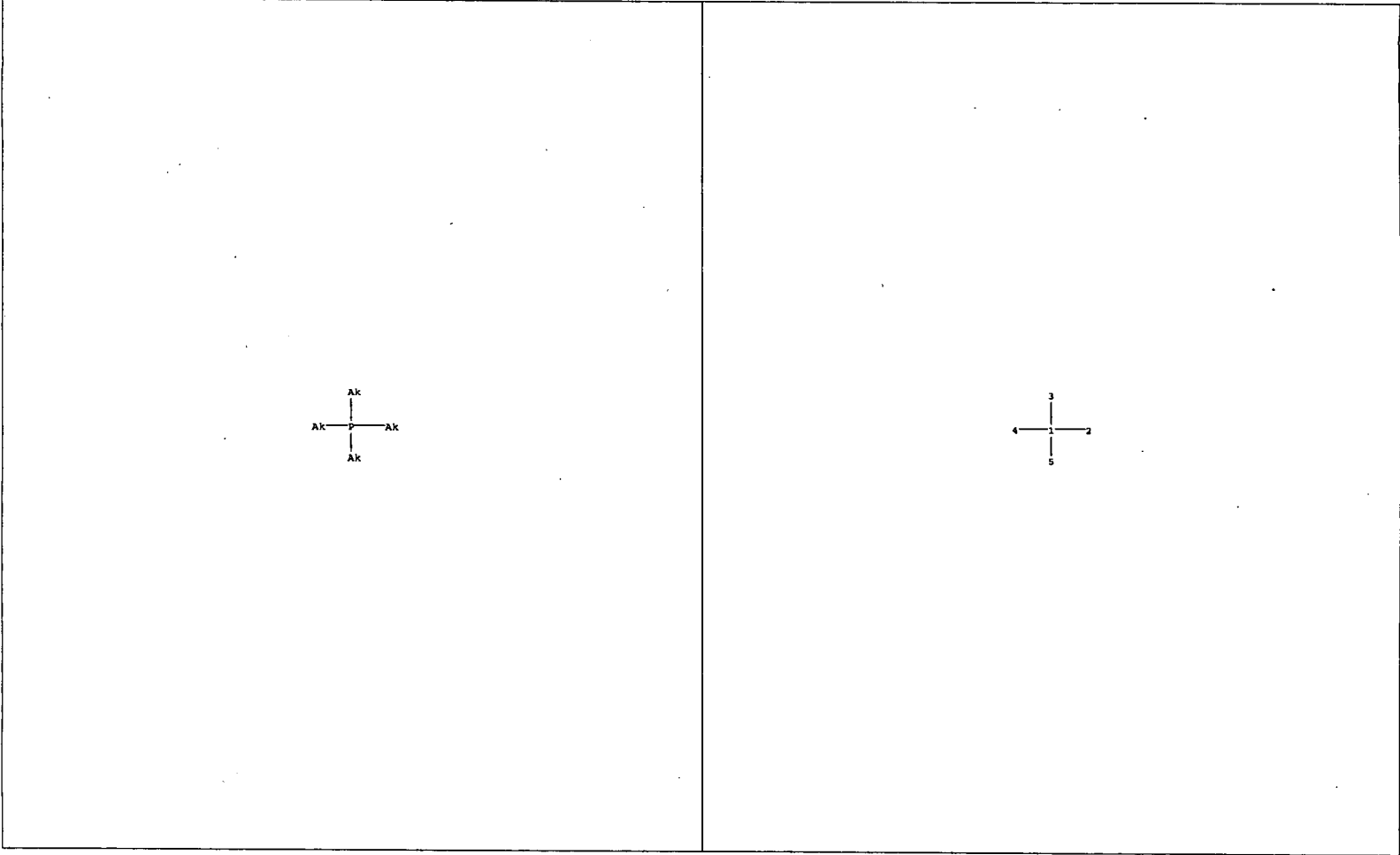


L4 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2004:291234 CAPLUS
 DOCUMENT NUMBER: 140:312175
 TITLE: Polymer compositions and their gas-barrier heat-resistant films for substrates of optical imaging devices
 INVENTOR(S): Naruse, Hideaki; Nishimi, Hironari
 PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 27 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004107541	A	20040408	JP 2002-274037	20020919
US 2004116555	A1	20040617	US 2003-665432	20030922
PRIORITY APPLN. INFO.:			JP 2002-274037	A 20020919

AB The polymer compns. comprise polymers with Tg 120-400° and organic compd.-modified layered silicate salts with decomposition-starting temperature 190-350°. The films show low water and O permeability and are useful for substrates of organic electroluminescent devices.
 IT 676614-01-0DP, intercalation complexes with layered silicate salts
 RL: DEV (Device component use); IMF (Industrial manufacture); MOA (Modifier or additive use); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (gas-barrier heat-resistant films containing organic compd.-modified layered silicate salts for substrates of optical imaging devices)
 RN 676614-01-0 CAPLUS
 CN Phosphonium, tributyl[5,7,7-trimethyl-2-(2,4,4-trimethylpentyl)octyl]- (CA INDEX NAME)





chain nodes :

1 2 3 4 5

chain bonds :

1-2 1-3 1-4 1-5

exact/norm bonds :

1-2 1-3 1-4 1-5

Connectivity :

2:1 E exact C chain 3:1 E exact C chain 4:1 E exact C chain 5:1 E exact C chain

Match level :

1:CLASS2:CLASS3:CLASS4:CLASS5:CLASS

Generic attributes :

- 2:
Type of chain : Branched
Saturation : Saturated
Number of Carbon Atoms : 7 or more
- 3:
Saturation : Saturated
- 4:
Saturation : Saturated
- 5:
Saturation : Saturated

Element Count :